

2,179,072	11/1939	Chilton et al.	74/801
2,700,312	1/1955	Smirl.	74/763
2,825,247	3/1958	Haworth et al.	74/801
2,923,178	2/1960	Miller	74/761
2,971,385	2/1961	Miller	74/761 X
3,513,715	5/1970	Whitfield	74/801 X

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et al.

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[57] **ABSTRACT**

In an epicyclic gear box all the teeth of the various gear wheels are of single helical form. The tipping couple produced on the planet wheels due to the helix angle of the teeth is balanced by displacing the sun and annulus gears in opposite directions along the planet wheel axis so that the radial components of the tooth loads due to the pressure angles of the teeth produce an opposing couple.

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2 Claims, 2 Drawing Figures

